Instructions for using the Wild Horse Census Program.
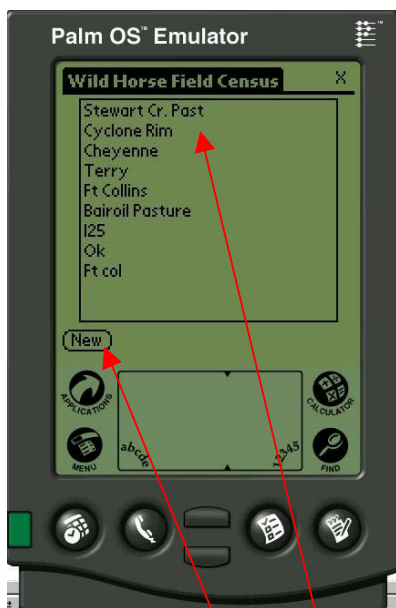

Using the Palm OS PDA
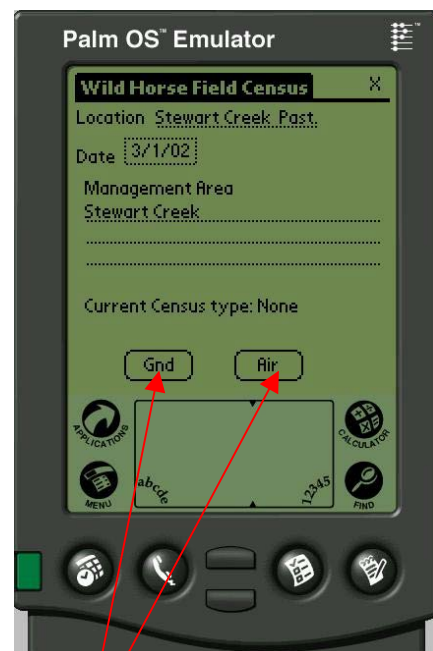
For

WILD HORSE CENSUS
Ground and Aerial

U.S. Department of the Interior
Bureau of Land Management
Service Center
P.O. Box 25047
Denver, CO 80225-0047

Instructions for using the Wild Horse Census Program.

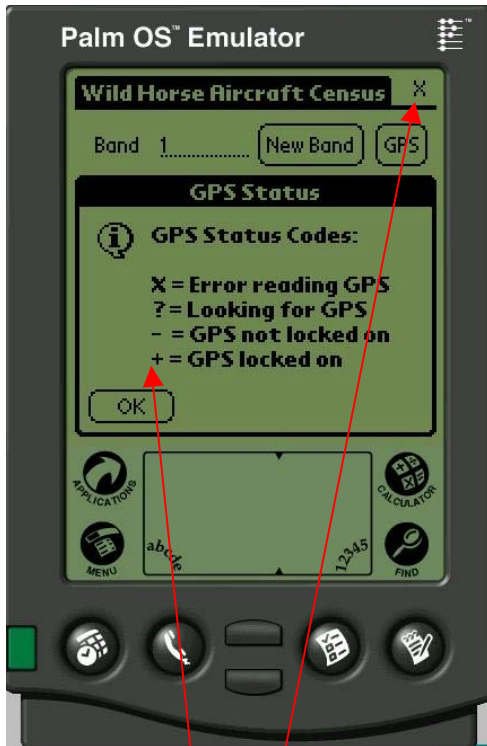Start the wild horse census program by touching this button.

Select a record by touching the record you want, or start a new record by touching new

If you select New you will have a choice of air or ground census. Make your choice and fill out the heading information.

Instructions for using the Wild Horse Census Program.

Palm OS™ Emulator

Wild Horse Aircraft Census   X

Band   1_____ [New Band] [GPS]

GPS Status

ⓘ **GPS Status Codes:**

X = Error reading GPS
? = Looking for GPS
– = GPS not locked on
+ = GPS locked on

[OK]

APPLICATIONS   abcde   12345   FIND

MENU   CALCULATOR

Palm OS™ Emulator

Wild Horse Aircraft Census   X

Band   3_____ [New Band] [GPS]

Lat 4211.4799   Lon 10745.0287

[ADULT] [JUVENILE] [FOAL]

Running Totals for Band

Adults   Juveniles   Foals

3_____   _____   _____

[Head]   COLOR   [SUM]

[UNDO]   [REM]

APPLICATIONS   abcde   12345   FIND

MENU   CALCULATOR

If you connect a GPS unit to your PDA it will automatically set coordinates when you push the New Band or GPS buttons. The figure in the upper right hand corner gives you the status of the GPS signal.
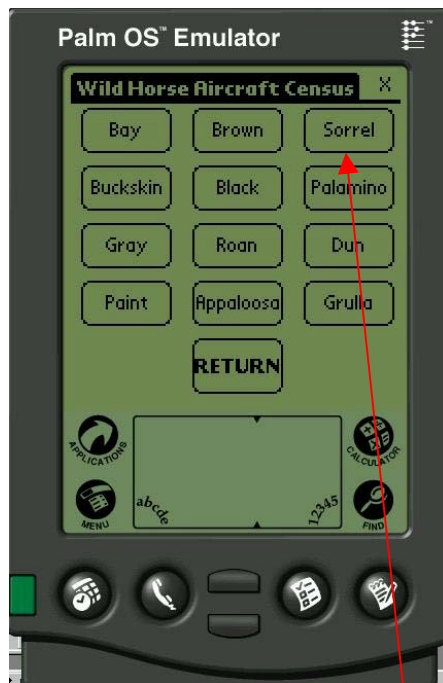
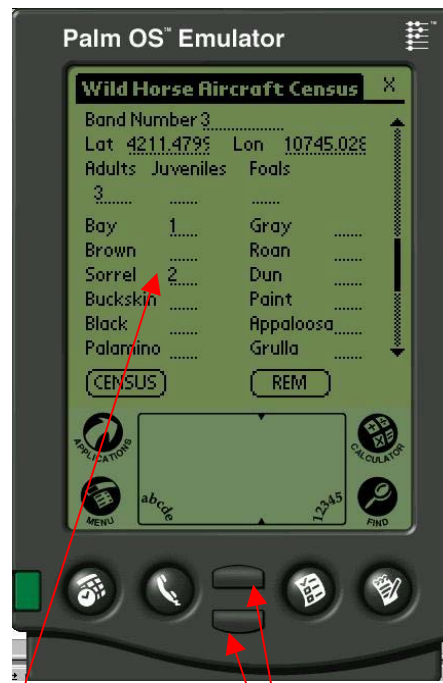# Instructions for using the Wild Horse Census Program.
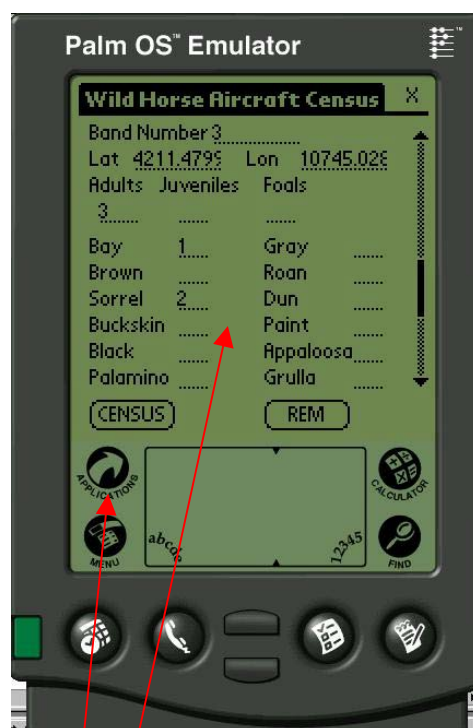
The program is designed to operate in "touch screen" mode. The New Band, GPS, ADULT, JUVENILE, FOAL, etc. can be touched with your thumb, finger, or the stylus. Touching the new band button increments the screen to the next band and sets the GPS coordinates. Touching GPS sets new coordinates without incrementing the band number. Touching the ADULT, JUVENILE, FOAL buttons count the number of the respective animals (ie. If you touch the ADULT button 3 times it enters 3 animals). The undo button subtracts an animal in case of a mistake. You can enter colors if you wish by touching the COLOR button. The SUM button gives you a summary of what was counted in that band. The REM button takes you to a remark screen. In summary mode, the CENSUS button returns you to the census screen. In the census screen, the Head button returns you to the heading screen. To exit the program touch the Applications button.
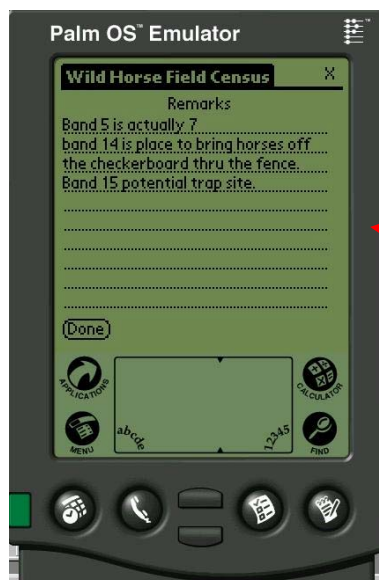
Instructions for using the Wild Horse Census Program.

Palm OS™ Emulator

Wild Horse Aircraft Census X

Bay	Brown	Sorrel
Buckskin	Black	Palamino
Gray	Roan	Dun
Paint	Appaloosa	Grulla

RETURN

Palm OS™ Emulator

Wild Horse Aircraft Census X

Band Number 3
Lat 4211.4795 Lon 10745.028
Adults Juveniles Foals
 3

Bay	1	Gray	
Brown		Roan	
Sorrel	2	Dun	
Buckskin		Paint	
Black		Appaloosa	
Palamino		Grulla	

(CENSUS)   (REM)

Touch these buttons to count the number of horses in the band of that color ie. If there are 2 sorrels touch the sorrel button 2 times. The number of horses whose color is noted does not have to match the total number of horses in the band (you may only want to note how many paint horses there are for example.) The RETURN button returns you to the census screen.

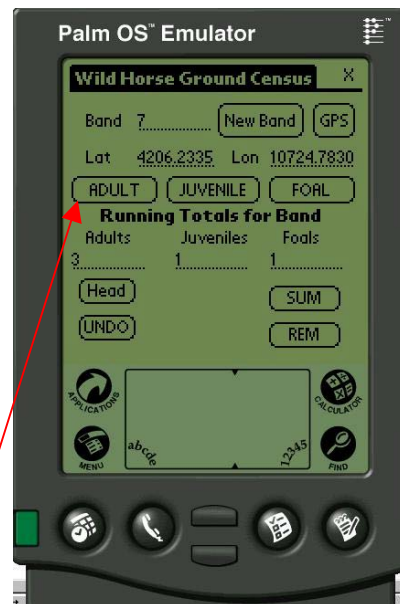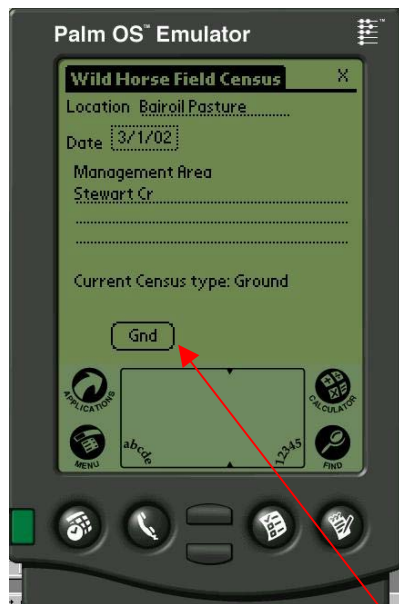When in the summary screen you may look at the summary screen for each band by using these buttons. The up button moves to the previous band. The down button moves to the next band.

Palm OS™ Emulator

Wild Horse Field Census X
Remarks
Band 5 is actually 7
band 14 is place to bring horses off
the checkerboard thru the fence.
Band 15 potential trap site.

(Done)

Remarks screen example

Instructions for using the Wild Horse Census Program.

Palm OS™ Emulator

Wild Horse Field Census   X

Location Bairoil Pasture
Date 3/1/02
Management Area
Stewart Cr
....
....

Current Census type: Ground

[Gnd]

APPLICATIONS   abcde   12345   CALCULATOR
MENU   FIND

Palm OS™ Emulator

Wild Horse Ground Census   X

Band 7.............. [New Band] [GPS]

Lat 4206.2335 Lon 10724.7830

[ADULT] [JUVENILE] [FOAL]

Running Totals for Band
Adults   Juveniles   Foals
3..............   1..............   1..............

[Head]   [SUM]
[UNDO]   [REM]

APPLICATIONS   abcde   12345   CALCULATOR
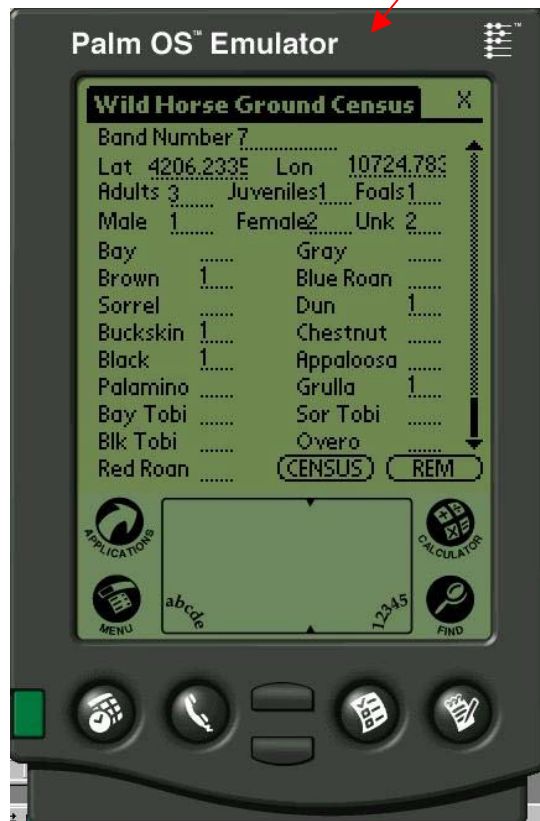MENU   FIND

The ground census program automatically takes you
to a sex screen then a color screen when you push the
ADULT, JUVENILE, or FOAL buttons. Otherwise,
it works identical to the aerial census program.

Palm OS™ Emulator

Wild Horse Ground Census   X

[Male] [Female] [Unknown]

[Return]

APPLICATIONS   abcde   12345   CALCULATOR
MENU   FIND

Palm OS™ Emulator

Wild Horse Ground Census   X

[Bay]   [Grey]   [Sorrel]
[Chestnut]   [Black]   [Brown]
[Blue Roan] [Buckskin]   [Palamino]
[Dun]   [Grulla]   [Bay Tobi]
[Sorrel Tobi][Black Tobi] [Overo]
[Appaloosa] [Red Roan]   [**Return**]

APPLICATIONS   abcde   12345   CALCULATOR
MENU   FIND

Instructions for using the Wild Horse Census Program.

Examples of the summary screen and the remarks screen for ground census

Palm OS™ Emulator

Wild Horse Ground Census ☒

Band Number 7
Lat 4206.2335   Lon   10724.783
Adults 3   Juveniles1   Foals1
Male 1   Female2   Unk 2
Bay   Gray
Brown   1   Blue Roan
Sorrel   Dun   1
Buckskin 1   Chestnut
Black   1   Appaloosa
Palamino   Grulla   1
Bay Tobi   Sor Tobi
Blk Tobi   Overo
Red Roan   (CENSUS) (REM)

APPLICATIONS   CALCULATOR
MENU   abcde   12345   FIND

Palm OS™ Emulator

Wild Horse Field Census ☒

Remarks
Band 7 observed through spotting
scope approximately 1/2 mile North
of GPS position bearing 12 degrees

(Done)

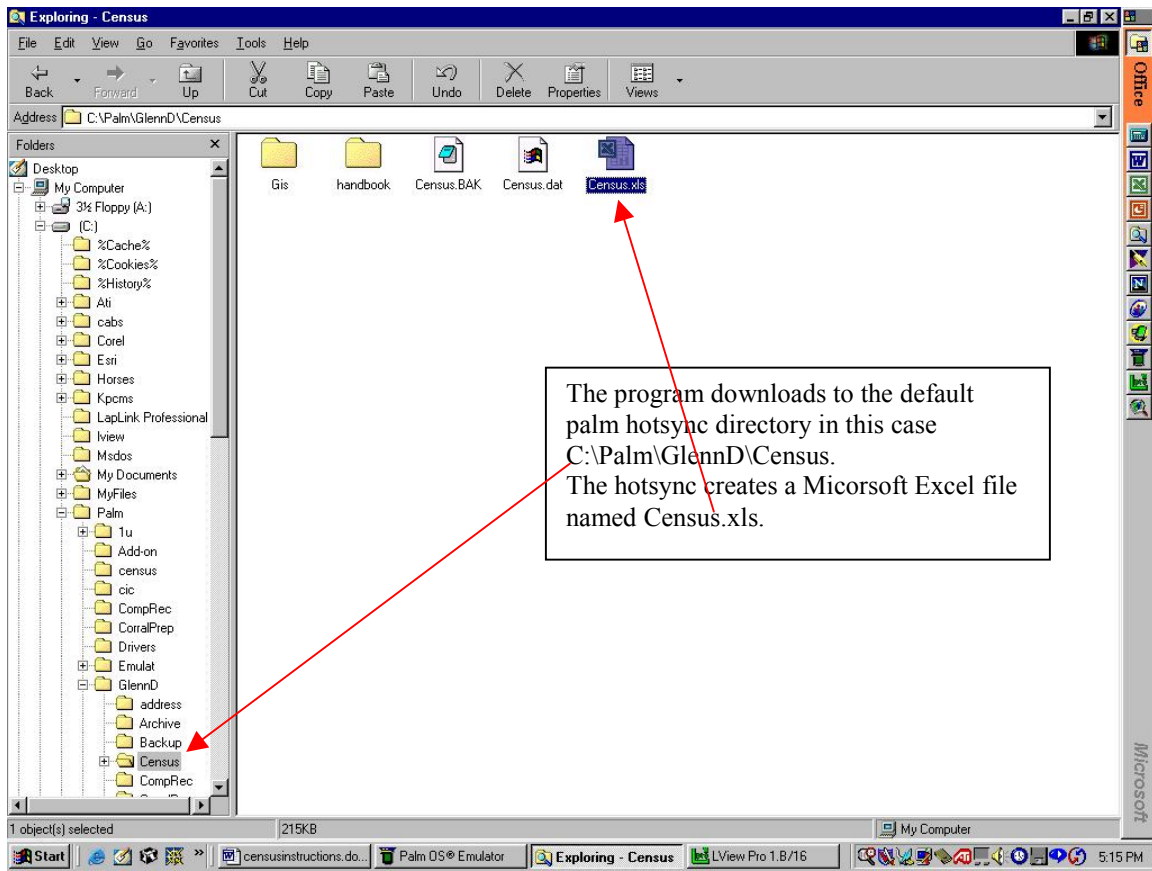APPLICATIONS   CALCULATOR
MENU   abcde   12345   FIND

Instructions for using the Wild Horse Census Program.

The Census setup and download procedures are the same as those described below for the greenline program, except that the excel file will be created in a Census directory. And the setup Icon will be entitled CensusConduitSetup.zip.

GreenlineConduitSetup10.zip

When you install the greenline conduit by clicking on the GreenlineConduitSetup10.zip icon and then clicking on the setup.exe in the winzip window, a Greenline directory is created under your user name where your palm files normally download. When you hotsync your PDA, the conduit creates a Microsoft excel file in that directory.

You can turn the conduit on and off by right clicking on the hotsync icon and selecting custom. Then highlight the Greenline Conduit and click change. If the conduit is set to do nothing, the excel file will not be created, however the data will be backed up in the backup directory.

Instructions for using the Wild Horse Census Program.

The program downloads to the default palm hotsync directory in this case C:\Palm\GlennD\Census.
The hotsync creates a Micorsoft Excel file named Census.xls.

Instructions for using the Wild Horse Census Program.

The data can be imported from Excel into ArcView and stored by geographic coordinate.
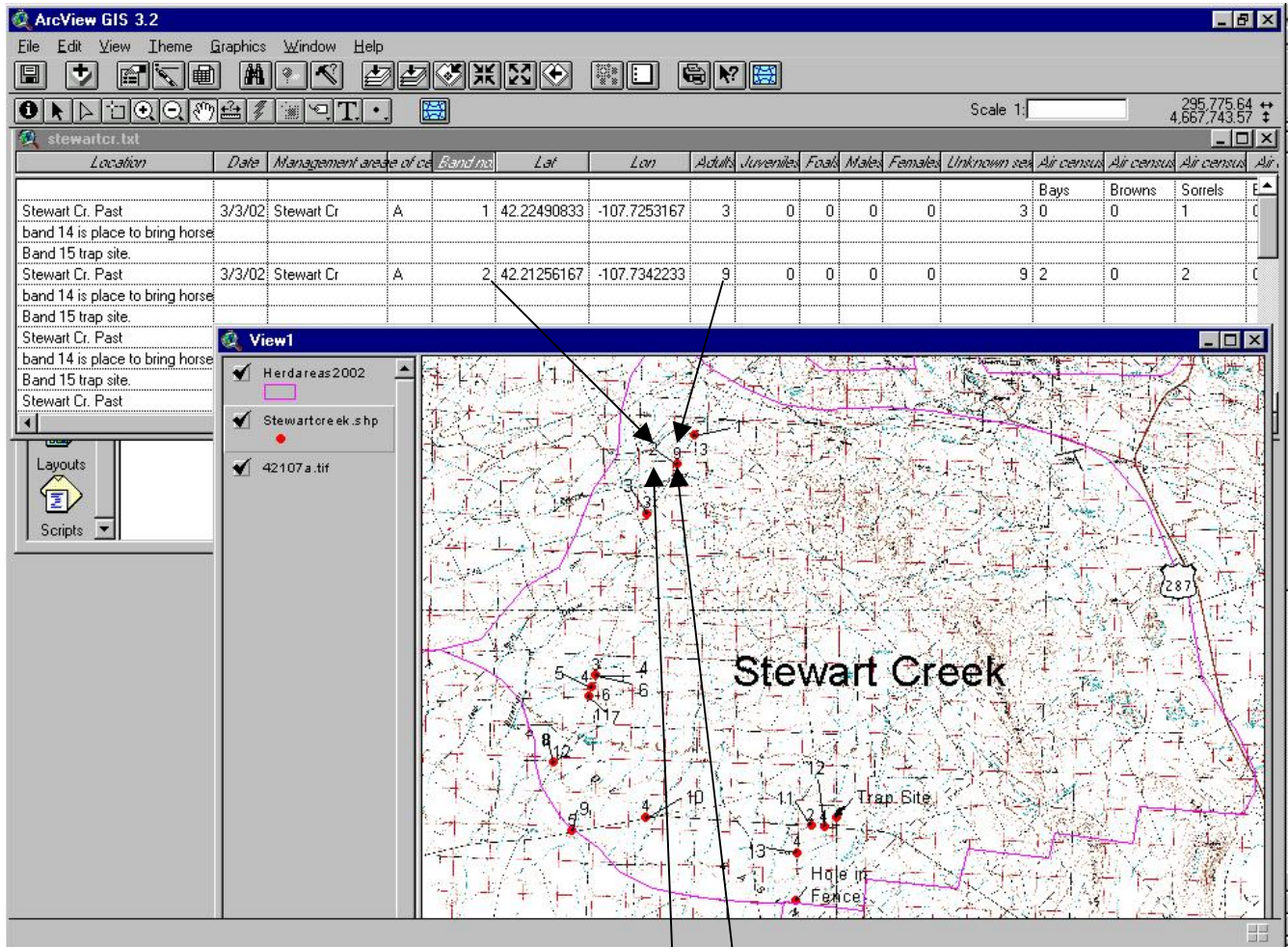
Labels on map show band number and number of horses at that location. Table shows detail including Date, HMA, band no. Lat Lon, Horses by color.

Instructions for using the Wild Horse Census Program.
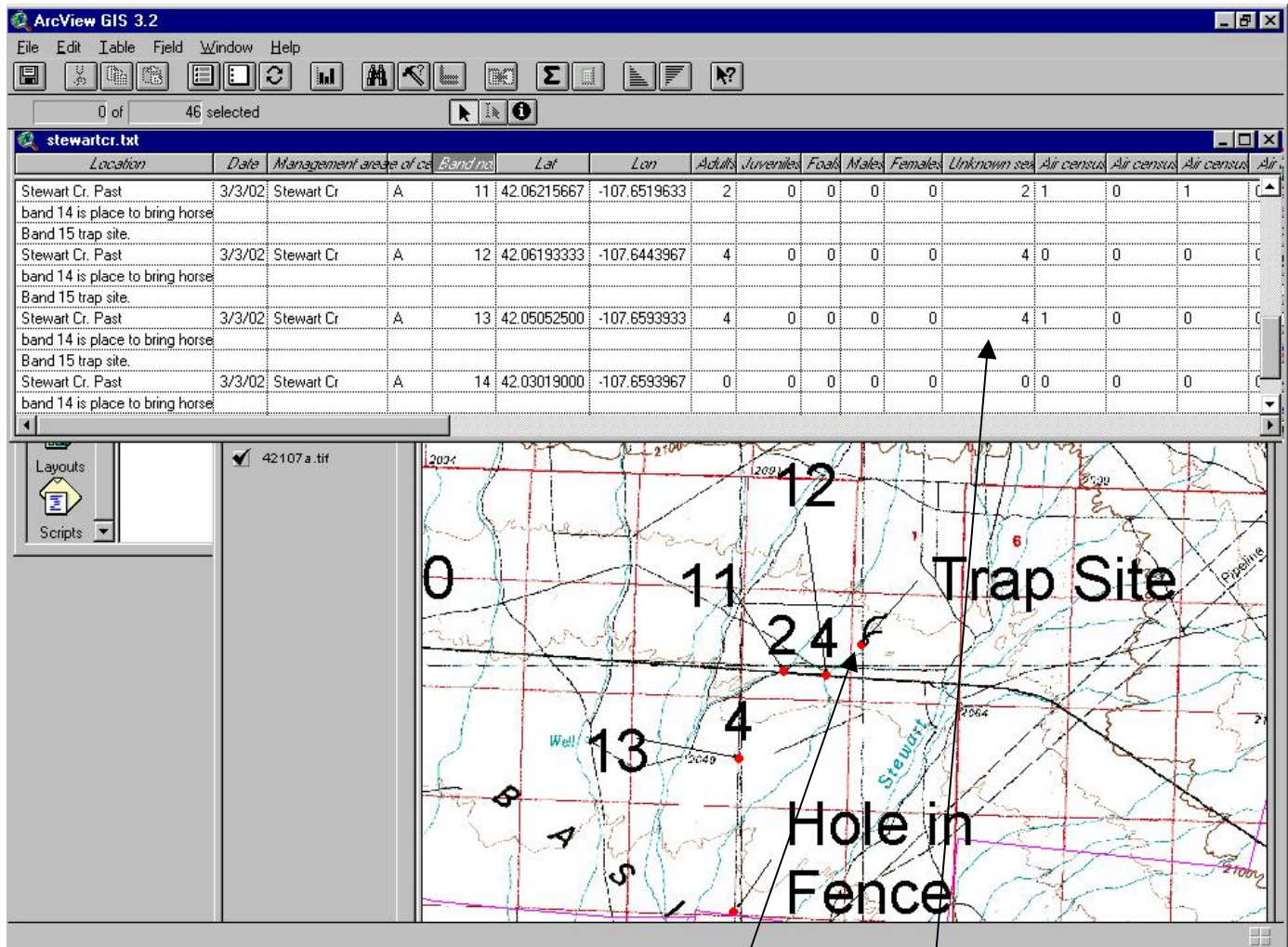
GIS allows us to zoom in on details such as a trap location. The table can store all the data by geographic coordinate. This data was collected while driving in a vehicle using the wild horse census program for the palm PDA. It would work identically in an aircraft.